YN-485I Magnetically Isolated USB to RS-485 Converter

Packing List

Before you begin installing, please make sure that the following materials
have been shepped:

YN-485I	x1
USB cable	x1
Driver&Manual CD	x1
This Manual	x1

If any of these are missing or damaged, contact your distributor or sales
representative immediately.

Specifications

Compatibility:	USB v2.0 standard
Interface:	Network:USB Serial:RS-485
Port:	One Independent RS-485 ports
Connector:	Network: USB-type A connector
	Serial: Screw terminal
Transmission speed:	600bps to 115.2Kbps
Parity bit:	odd, even, none
Data bit:	5, 6, 7, 8
Stop bit:	1, 1.5, 2
Isolation protection:	2,500 V
Driver Support:	Windows 2000/2003/XP/Vista/7 (32bit and 64bit)
	Linux/Mac
Power Consumption:	1.5W @ 5V
Max. Distance:	4000ft (1200m) @ 19.2Kbps
Case:	Blue transparent ABS
Operating Temperature:	-30 ℃ ~+70 ℃
Operating Humidity:	20% to 95% (non-condensing)

Overview

Your Neighbor Tech's YN-485I allows PC users to connect their RS-485 devices to
systems that use USB interface. By attaching the YN-485I to a PC, it will no longer be
necessary to open the chassis or turn off the PC to install the hub. With the YN-485I ,
the user instantly gets one extra high-speed RS-485 ports. In addition, since the power is
derived from the USB port, there are not any cumbersome power adapters. This makes
the YN-485I especially suitable for PLCs, printers, POS system and industrial control
devices.

## Dimensions&Communication LED Status
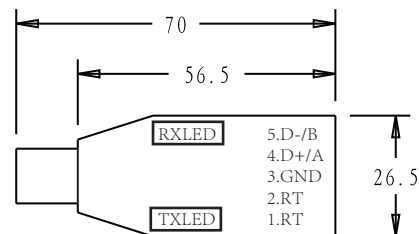
RXLED	Flash when data from RS-485 to USB
TXLED	Flash when data from USB to RS-485

Pin Defination

1,2	RT	Internal terminal resistor connected if pin 1-2 is shorted
3	GND	RS-485 side isolated GND, connect to ground or shell
4	D+/A	RS-485 Data+
5	D-/N	RS-485 Data-

Application Wiring

If YN-485I connected as a terminal point on the RS-485 bus, connect pin 1-2 and add
a terminal resistor on the other side of the bus.
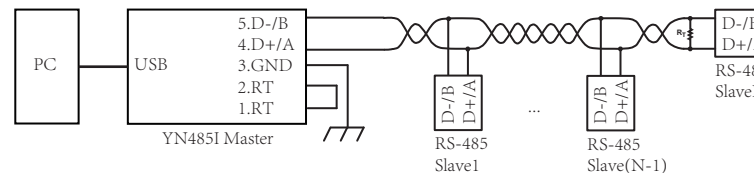
If YN-485I connected as one of the mid point on the RS-485 bus, add terminal resistor
on each side of the bus and left pin 1,2 unconnected.